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**COMMITTEE OF EXPERTS ON THE TRANSPORT OF  
DANGEROUS GOODS AND ON THE GLOBALLY  
HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

Sub-Committee of Experts on the  
Transport of Dangerous Goods

Twenty-ninth session  
Geneva, 3-12 (a.m.) July 2006  
Item 2 of the provisional agenda

TRANSPORT OF EXPLOSIVES

Carriage of signals and flares in Divisions 1.4G and 1.4S

Transmitted by the expert from the United Kingdom

**Background**

1. The expert from the United Kingdom notes that the Dangerous Goods list, Chapter 3.2, has entries for the following signals and flares in Divisions 1.3G and 1.4G:

	1.3G	1.4G	1.4S
CARTRIDGES, SIGNAL	0054	0312	0405
SIGNAL DEVICES, hand	-	0191	0373
SIGNALS, DISTRESS, ship	0195	-	-
SIGNALS, SMOKE	0487	0197	-
FLARES, AERIAL	0093	0403	0404

However he has received a number of applications for approval of classifications for marine distress signals under UN 0432 1.4S "ARTICLES PYROTECHNIC, for technical purposes". An explanation of "ARTICLES PYROTECHNIC" is included in the glossary of

terms in the Appendix but signals and flares listed in the above table are specifically excluded from this name and description.

2. The requirements of 2.1.3.4.1 states Test Series 6 be used for the assignment of substances and articles to Divisions 1.1, 1.2, 1.3 and 1.4. Recent changes to the packaging for a number of signals, distress and smoke, has resulted in assignments of 1.4G and 1.4S in Test 6(c). Currently, there are no entries for "SIGNALS, SMOKE" in Division 1.4S, or 1.4G and 1.4S for "SIGNALS DISTRESS, ship" in the Dangerous Goods List.

### Proposal

3. To include the following entries into the Dangerous Goods List, in Chapter 3.2, to allow the transport of marine distress signals based on UN test results.

UN No.	Name and description	Class or Division				Limited quantities	Packing Instruction
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0xxx	SIGNALS DISTRESS, ship	1.4G				NONE	P135
0xxx	SIGNALS DISTRESS, ship	1.4S				NONE	P135
0xxx	SIGNALS, SMOKE	1.4S				NONE	P135